

RAW SEQUENCE LISTING

#5

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/511,314

Source: PCT

Date Processed by STIC: 06-21-2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

```

3 <110> APPLICANT: Yeda Research and Development Co. Ltd.
4     Wallach, David
5     Shmushkovich, Taisia
6     Ramakrishnan, Parameswaran
8 <120> TITLE OF INVENTION: Derivatives of NIK, their production and use
10 <130> FILE REFERENCE: 814
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/511,314
C--> 12 <141> CURRENT FILING DATE: 2004-10-15
12 <150> PRIOR APPLICATION NUMBER: 149217
13 <151> PRIOR FILING DATE: 2002-04-18
15 <150> PRIOR APPLICATION NUMBER: 152183
16 <151> PRIOR FILING DATE: 2002-10-08
18 <160> NUMBER OF SEQ ID NOS: 19
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 86
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Glu Arg Thr Met Pro Arg Ile Pro Thr Leu Lys Asn Leu Glu Asp Leu
30 1          5          10          15
33 Val Thr Glu Tyr His Gly Asn Phe Ser Ala Trp Ser Gly Val Ser Lys
34          20          25          30
37 Gly Leu Ala Glu Ser Leu Gln Pro Asp Tyr Ser Glu Arg Leu Cys Leu
38          35          40          45
41 Val Ser Glu Ile Pro Pro Lys Gly Gly Ala Leu Gly Glu Gly Pro Gly
42          50          55          60
45 Ala Ser Pro Cys Asn Gln His Ser Pro Tyr Trp Ala Pro Pro Cys Tyr
46 65          70          75          80
49 Thr Leu Lys Pro Glu Thr
50          85
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 41
55 <212> TYPE: PRT
56 <213> ORGANISM: Homo sapiens
58 <400> SEQUENCE: 2
60 Leu Cys Leu Val Ser Glu Ile Pro Pro Lys Gly Gly Ala Leu Gly Glu
61 1          5          10          15
64 Gly Pro Gly Ala Ser Pro Cys Asn Gln His Ser Pro Tyr Trp Ala Pro
65          20          25          30
68 Pro Cys Tyr Thr Leu Lys Pro Glu Thr
69          35          40
72 <210> SEQ ID NO: 3

```

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

```

73 <211> LENGTH: 12
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 3
79 Trp Ala Pro Pro Cys Tyr Thr Leu Lys Pro Glu Thr
80 1 5 10
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 39
85 <212> TYPE: DNA
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 4
89 tgggcccccc catgttacac cctaaagcct gaaacctga 39
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 261
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 5
98 gaacggacga tgccccgaat tcccaccctg aagaacctag aggatcttgt tactgaatac 60
100 cacgggaact ttctggcctg gagtgggtgt tctaaggac tggctgagag tctgcagcca 120
102 gactacagtg aacgactctg cctcgtcagt gagattcccc caaaaggagg gcccttggg 180
104 gaggggcctg gggcctcccc atgcaaccag catagccct actgggcccc cccatgttac 240
106 accctaaagc ctgaaacctg a 261
109 <210> SEQ ID NO: 6
110 <211> LENGTH: 126
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 6
115 ctctgcctcg tcagtgaat tccccaaaaa ggagggggcc ttggggaggg gcctggggcc 60
117 tccccatgca accagcatag cccctactgg gcccccccat gttacaccct aaagcctgaa 120
119 acctga 126
122 <210> SEQ ID NO: 7
123 <211> LENGTH: 37
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 7
128 ctcgtcagt agattgccgc aaaaggaggg gcccttg 37
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 37
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 8
137 caagggcccc tccttttgcg gcaatctcac tgacgag 37
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 35
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <400> SEQUENCE: 9
146 gccctactg ggccgccgca tgttacaccc taaag 35
149 <210> SEQ ID NO: 10

```

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

```

150 <211> LENGTH: 35
151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 10
155 ctttaggggtg taacatgcgg cggcccagta ggggc 35
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 39
160 <212> TYPE: DNA
161 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 11
164 gtcagtgaga ttccccagc aggaggggcc cttggggag 39
167 <210> SEQ ID NO: 12
168 <211> LENGTH: 39
169 <212> TYPE: DNA
170 <213> ORGANISM: Homo sapiens
172 <400> SEQUENCE: 12
173 ctccccaaagg gcccttcctg ctgggggaat ctcaactgac 39
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 33
178 <212> TYPE: DNA
179 <213> ORGANISM: Homo sapiens
181 <400> SEQUENCE: 13
182 ggaggggccc ttggggcggg gcctggggcc tcc 33
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 33
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 14
191 ggaggcccca ggccccgccc caagggcccc tcc 33
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 33
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 15
200 cagcatagcc cctacgcgc cccccatgt tac 33
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 33
205 <212> TYPE: DNA
206 <213> ORGANISM: HOMO SAPIENS
208 <400> SEQUENCE: 16
209 gtaacatggg ggggccgcgt aggggctatg ctg 33
212 <210> SEQ ID NO: 17
213 <211> LENGTH: 44
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 17
219 Trp Leu Glu Arg Thr Met Pro Arg Ile Pro Thr Leu Lys Asn Leu Glu
220 1 5 10 15
223 Asp Leu Val Thr Glu Tyr His Gly Asn Phe Ser Ala Trp Ser Gly Val

```

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

```

224          20          25          30
227 Ser Lys Gly Leu Ala Glu Ser Leu Gln Pro Asp Tyr
228          35          40
231 <210> SEQ ID NO: 18
232 <211> LENGTH: 81
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 18
238 His Arg Val Ser Ala Ala Glu Leu Gly Gly Lys Val Asn Arg Ala Leu
239 1          5          10          15
242 Gln Gln Val Gly Gly Leu Lys Ser Pro Trp Arg Gly Glu Tyr Lys Glu
243          20          25          30
246 Pro Arg His Pro Pro Pro Asn Gln Ala Asn Tyr His Gln Thr Leu His
247          35          40          45
250 Ala Gln Pro Arg Glu Leu Ser Pro Arg Ala Pro Gly Pro Arg Pro Ala
251          50          55          60
254 Glu Glu Thr Thr Gly Arg Ala Pro Lys Leu Gln Pro Pro Leu Pro Pro
255 65          70          75          80
258 Glu
262 <210> SEQ ID NO: 19
263 <211> LENGTH: 324
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 19
269 Pro Leu Thr Ala Gln Ala Ile Gln Glu Gly Leu Arg Lys Glu Pro Ile
270 1          5          10          15
273 His Arg Val Ser Ala Ala Glu Leu Gly Gly Lys Val Asn Arg Ala Leu
274          20          25          30
277 Gln Gln Val Gly Gly Leu Lys Ser Pro Trp Arg Gly Glu Tyr Lys Glu
278          35          40          45
281 Pro Arg His Pro Pro Pro Asn Gln Ala Asn Tyr His Gln Thr Leu His
282          50          55          60
285 Ala Gln Pro Arg Glu Leu Ser Pro Arg Ala Pro Gly Pro Arg Pro Ala
286 65          70          75          80
289 Glu Glu Thr Thr Gly Arg Ala Pro Lys Leu Gln Pro Pro Leu Pro Pro
290          85          90          95
293 Glu Pro Pro Glu Pro Asn Lys Ser Pro Pro Leu Thr Leu Ser Lys Glu
294          100          105          110
297 Glu Ser Gly Met Trp Glu Pro Leu Pro Leu Ser Ser Leu Glu Pro Ala
298          115          120          125
301 Pro Ala Arg Asn Pro Ser Ser Pro Glu Arg Lys Ala Thr Val Pro Glu
302          130          135          140
305 Gln Glu Leu Gln Gln Leu Glu Ile Glu Leu Phe Leu Asn Ser Leu Ser
306 145          150          155          160
309 Gln Pro Phe Ser Leu Glu Glu Gln Glu Gln Ile Leu Ser Cys Leu Ser
310          165          170          175
313 Ile Asp Ser Leu Ser Leu Ser Asp Asp Ser Glu Lys Asn Pro Ser Lys
314          180          185          190
317 Ala Ser Gln Ser Ser Arg Asp Thr Leu Ser Ser Gly Val His Ser Trp

```

RAW SEQUENCE LISTING

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

```

318          195          200          205
321 Ser Ser Gln Ala Glu Ala Arg Ser Ser Ser Trp Asn Met Val Leu Ala
322          210          215          220
325 Arg Gly Arg Pro Thr Asp Thr Pro Ser Tyr Phe Asn Gly Val Lys Val
326 225          230          235          240
329 Gln Ile Gln Ser Leu Asn Gly Glu His Leu His Ile Arg Glu Phe His
330          245          250          255
333 Arg Val Lys Val Gly Asp Ile Ala Thr Gly Ile Ser Ser Gln Ile Pro
334          260          265          270
337 Ala Ala Ala Phe Ser Leu Val Thr Lys Asp Gly Gln Pro Val Arg Tyr
338          275          280          285
341 Asp Met Glu Val Pro Asp Ser Gly Ile Asp Leu Gln Cys Thr Leu Ala
342          290          295          300
345 Pro Asp Gly Ser Phe Ala Trp Ser Trp Arg Val Lys His Gly Gln Leu
346 305          310          315          320
349 Glu Asn Arg Pro

```

VERIFICATION SUMMARY

DATE: 06/21/2005

PATENT APPLICATION: US/10/511,314

TIME: 09:37:08

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\06212005\J511314.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date